

Power Cost Memorandum

Fuel Cost Update and Surcharge Change

Date: April 20, 2023

Utility Name (Cert. No.) CORDOVA ELECTRIC COOPERATIVE, INC. (160)	Utility File No. PC15-0417UUU	Date Filed: April 4, 2023
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PCE AMOUNT SUMMARY	Previously Calculated PC15-0417TTT	Staff Recommended Amount(s) and Effective Date PC15-0417UUU
Class Rate	Date Approved: April 7, 2023	April 21, 2023
Residential - First 500/kWh	\$0.0926	\$0.0932
Residential - Over 501/kWh	\$0.0926	\$0.0932
Community Facilities:		
Boat Harbor first 500 kWh	\$0.0926	\$0.0932
Boat Harbor Over 500 kWh	\$0.0926	\$0.0932
General Service 0 to 500 kWh	\$0.0926	\$0.0932
General Service over 500 kWh	\$0.0926	\$0.0932
Large Power 0 to 5,000 kWh	\$0.0926	\$0.0932
Large Power 5,001 to 20,000 kWh	\$0.0926	\$0.0932
Large Power Over 20,000 kWh	\$0.0926	\$0.0932
Street Lights	\$0.0926	\$0.0932
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$3.6273</u>	New Fuel Purchase Price: <u>\$3.6630</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.26820</u> Updated <u>0.26820</u>

Signed: _____

Brenda Cox

Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/20/23)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<i>KRL</i>		
Doyle		<i>BD</i>		
Pickett		<i>MP</i>		
Sullivan		<i>MP</i> For DS		
Wilson	4/21/23	<i>JWW</i>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CORDOVA ELECTRIC COOPERATIVE, INC.

POWER COST EQUALIZATION CALCULATION

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update and Surcharge Change

	PC15-0417TTT	PC15-0417UUU
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	25,143,424	25,143,424
B. Total kWh Sold (Appendix 2)	23,444,126	23,444,126
C. Total Non-Fuel Costs (Appendix 2)	\$5,257,401	\$5,257,401
D. Non-Fuel Cost/kWh (C / B)	\$0.2243	\$0.2243
E. Total Fuel Costs (Appendix 2)	\$1,616,506	\$1,632,416
F. Fuel Costs/kWh (E / B)	\$0.0690	\$0.0696
G. Eligible Costs/kWh (D + F)	\$0.2933	\$0.2939
H. Eligible Cost/kWh (G) less base rate in effect	\$0.0975	\$0.0981
I. Lesser of (H) or 80.42 cents/kWh	\$0.0975	\$0.0981
J. Average Class Rates (Appendix 3)		
Residential - First 500/kWh	\$0.3239	\$0.3659
Residential - Over 501/kWh	\$0.3239	\$0.3659
Community Facilities:		
Boat Harbor first 500 kWh	\$0.4368	\$0.4721
Boat Harbor Over 500 kWh	\$0.4037	\$0.4377
General Service 0 to 500 kWh	\$0.3630	\$0.3747
General Service over 500 kWh	\$0.3254	\$0.3356
Large Power 0 to 5,000 kWh	\$0.3143	\$0.3236
Large Power 5,001 to 20,000 kWh	\$0.2948	\$0.3036
Large Power Over 20,000 kWh	\$0.2750	\$0.2830
Street Lights	\$0.4449	\$0.4598
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J)		
Residential - First 500/kWh	\$0.0926	\$0.0932
Residential - Over 501/kWh	\$0.0926	\$0.0932
Community Facilities:		
Boat Harbor first 500 kWh	\$0.0926	\$0.0932
Boat Harbor Over 500 kWh	\$0.0926	\$0.0932
General Service 0 to 500 kWh	\$0.0926	\$0.0932
General Service over 500 kWh	\$0.0926	\$0.0932
Large Power 0 to 5,000 kWh	\$0.0926	\$0.0932
Large Power 5,001 to 20,000 kWh	\$0.0926	\$0.0932
Large Power Over 20,000 kWh	\$0.0926	\$0.0932
Street Lights	\$0.0926	\$0.0932
L. Funding Level in Effect	100%	100%
Residential - First 500/kWh	\$0.0926	\$0.0932
Residential - Over 501/kWh	\$0.0926	\$0.0932
Community Facilities:		
Boat Harbor first 500 kWh	\$0.0926	\$0.0932
Boat Harbor Over 500 kWh	\$0.0926	\$0.0932
General Service 0 to 500 kWh	\$0.0926	\$0.0932
General Service over 500 kWh	\$0.0926	\$0.0932
Large Power 0 to 5,000 kWh	\$0.0926	\$0.0932
Large Power 5,001 to 20,000 kWh	\$0.0926	\$0.0932
Large Power Over 20,000 kWh	\$0.0926	\$0.0932
Street Lights	\$0.0926	\$0.0932

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Appendix 1

CORDOVA ELECTRIC COOPERATIVE, INC.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update and Surcharge Change

	PC15-0417TTT	PC15-0417UUU	
	Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:			
A. Hydraulic Power Generation	734,419	734,419	734,419
B. Other Power Generation	798,864	798,864	798,864
C. Distribution Expenses	695,937	695,937	695,937
D. Consumer Expenses	305,814	305,814	305,814
E. Administrative & General	1,164,204	1,164,204	1,164,204
F. Allowable Fixed Costs	1,531,670	1,531,670	1,531,670
G. Fuel Cartage, Lube Oil & Boiler Fuel	28,024	28,024	28,024
Revenues not related to Operating Exp.			
H.1 Interest Income	0	0	0
H.2 Non-operating Income	(132,843)	(132,843)	(132,843)
Non-operating Expense	131,312	131,312	131,312
Total Non-Fuel Costs	\$5,257,401	\$5,257,401	\$5,257,401
Fuel Costs:			
I. Gallons Consumed for Electric Generation	445,650	445,650	445,650
J. Price of Fuel	3.6273	3.6630	3.6630
K. Total Cost of Fuel	\$1,616,506	\$1,632,416	\$1,632,416
L. Total Sales	23,444,126	23,444,126	23,444,126
M.1 kWh Generated Diesel	5,733,054	5,733,054	5,733,054
M.2 kWh Generated Hydro	19,410,370	19,410,370	19,410,370
M.3 Total kWh Generated	25,143,424	25,143,424	25,143,424
N. Station Service	272,540	272,540	272,540
O. Fuel Efficiency	Standard		
(M.1/I)	≥ 12.0	12.86	12.86
P. Line Loss	≤ 12%	5.67%	5.67%

((kWh generated-(kWh sales+ Station Service))/kWh generated

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Appendix 2

CORDOVA ELECTRIC COOPERATIVE, INC.

Surcharge 0.26820

Calculation of Average Class Rate per kWh

Rate Schedule: 100 Residential

Customer Charge (CC): \$29.15

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (750 x(4))+ CC	(6) Avg. (\$/kWh) (5)/(750)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
500	0.3080	0.26820	0.5762	461.30	0.6151	0.4193
>500	0.2401	0.26820	0.5083	381.23	0.5083	0.3125

750
TOTAL (A)

0.3659
(E)

Rate Schedule: Boat Harbor

Customer Charge (CC) : \$33.50

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (750x(4))+ CC	(6) Avg. (\$/kWh) (5)/750	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
500	0.355000	0.26820	0.6232	500.90	0.6679	0.4721
>500	0.320600	0.26820	0.5888	475.10	0.6335	0.4377

TOTAL (A)

(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh

TOTAL (A)

(E)

CORDOVA ELECTRIC COOPERATIVE, INC.

Computation of Community Facilities Average Rate

Rate Schedule: 200 General Service

Consumer Charge:

\$24.50

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (CC/500)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to 500	0.2696	0.26820	0.5705	0.3747
501 to 9,999,999	0.2305	0.26820	0.5314	0.3356

Rate Schedule: 800 Large Power

Consumer Charge:

\$53.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B) +	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to 5000	0.1805	0.26820	0.5194	0.3236
5,001 to 25,000	0.1605	0.26820	0.4994	0.3036
Over 25,000	0.1399	0.26820	0.4788	0.2830

Rate Schedule: 900 Street Lights

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to ∞	0.3874	0.26820	0.6556	0.4598

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Appendix 3

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